Amendments to the Claims

This listing of the claims will replace all prior versions and listings of the claims in the application:

Listing of Claims:

1. (Currently amended) A method for producing a motion video image file from a motion image sequence, comprising the steps of:

a) providing a first target data rate for a first image frame of the motion image sequence;

b) compressing the first image frame using intraframe coding at the first target data rate, and storing the compressed first image frame, as a first intracoded frame of a compressed version of the motion image sequence, in a motion video image file;

c) providing a second target data rate for intraframe coding of one or more subsequent image frames of the motion image sequence, the second target data rate being lower than the first target data rate;

d) compressing the one or more subsequent image frames of the motion image sequence using intraframe coding at the second target data rate;

e) storing the compressed one or more subsequent image frames, as one or more subsequent intracoded frames of the compressed version of the motion image sequence, in the motion video image file;

f) decompressing the compressed first image frame; and

g) using the decompressed first image frame to provide a still image representative of the motion video image file;

wherein upon selection of the motion video image file for playback, the compressed first and subsequent image frames are decompressed and utilized to provide playback of the respective first and subsequent image frames of the motion image sequence.

2. (Original) The method according to claim 1 wherein the still image is used to represent the motion image sequence in an image navigation display to enable user selection of the corresponding motion video image file.

3. (Original) The method according to claim 2 wherein the image navigation display includes a plurality of still images corresponding to a plurality of motion video image files.

4. (Original) The method according to claim 3 wherein the image navigation display further includes a plurality of still images corresponding to a plurality of still image files.

5. (Original) The method according to claim 1 wherein the first target data rate is provided using a first quantization table and the second target data rate is provided using a second quantization table.

6. (Original) The method according to claim 1 further including the step of capturing the motion image sequence.

7. (Original) The method according to claim 6 further including the step of capturing a plurality of still images and storing each of the plurality of still images in a still image file.

8. (Original) The method according to claim 1 wherein the motion video image file is a motion JPEG file.

9. (Original) The method according to claim 1 wherein the motion video image file is an MPEG file.

10. (Currently amended) A digital camera for capturing a motion image sequence and producing a motion video image file from the motion image sequence, comprising:

a) an image sensor for capturing a motion image sequence having a plurality of image frames;

b) a processor for compressing the motion image sequence, wherein the processor compresses a first image frame of the motion image sequence using intraframe coding at a first target data rate and compresses one or more subsequent image frames of the motion image sequence using intraframe coding at a

second target data rate, the second target data rate being lower than the first target data rate; and

c) a memory for storing the compressed motion image sequence, wherein the compressed first image frame and compressed one or more subsequent image frames are stored as respective intracoded frames in a motion video image file;

wherein upon selection of the motion video image file for playback, the compressed first and subsequent image frames are decompressed and utilized to provide playback of the respective first and subsequent image frames of the motion image sequence.

11. (Original) The digital camera according to claim 10 wherein the digital camera further includes a display, and wherein the processor further decompresses the first image frame of the motion image sequence to provide a still image representative of the motion video image file, and the display displays the still image.

12. (Original) The digital camera according to claim 10 wherein the memory is a removable memory card.

13. (Original) The digital camera according to claim 10 wherein the first target data rate is provided using a first quantization table and the second target data rate is provided using a second quantization table.

14. (Previously presented) The digital camera according to claim 13 wherein the digital camera further includes firmware memory which stores the first and second quantization tables.

15. (Original) The digital camera according to claim 14 wherein the digital camera further captures and compresses still images, and the firmware memory stores a third quantization table used to compress the still images.

16. (Original) The digital camera according to claim 10 wherein the motion video image file is a motion JPEG file.

17. (Original) The digital camera according to claim 10 wherein the motion video image file is an MPEG file.